

Esercizi sul prodotto tra matrici:

$$\begin{pmatrix} 1 & 2 \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & 0 \\ 0 & 3 \end{pmatrix}$$

$$\begin{pmatrix} 4 \\ 1 \end{pmatrix} (1 \ 5)$$

$$\begin{pmatrix} -2 \\ 3 \end{pmatrix} (1 \ 2 \ 4)$$

$$\begin{pmatrix} -1 \\ 2 \\ 5 \end{pmatrix} (2 \ -3)$$

$$(2 \ 3) \begin{pmatrix} -1 \\ 2 \end{pmatrix}$$

$$(0 \ 4) \begin{pmatrix} -1 & 5 \\ 2 & 1 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 3 \\ 0 & 4 \end{pmatrix} \begin{pmatrix} 2 \\ 5 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 3 \\ 0 & 4 \end{pmatrix} \begin{pmatrix} a \\ b \end{pmatrix}$$

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix} \begin{pmatrix} 3 \\ 5 \end{pmatrix}$$

$$\begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{pmatrix} \begin{pmatrix} 5 \\ 7 \end{pmatrix}$$

$$\begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{pmatrix} \begin{pmatrix} x_1 \\ x_2 \end{pmatrix}$$

$$(1 \ 3) \begin{pmatrix} 5 & 2 & 4 \\ 7 & 1 & 0 \end{pmatrix}$$

$$\begin{pmatrix} 3 & 0 \\ -1 & 2 \\ -1 & 2 \end{pmatrix} \begin{pmatrix} 1 \\ 4 \end{pmatrix}$$

$$\begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \\ a_{31} & a_{32} \end{pmatrix} \begin{pmatrix} x \\ y \end{pmatrix}$$

$$\begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \\ a_{31} & a_{32} \\ a_{41} & a_{42} \end{pmatrix} \begin{pmatrix} x \\ y \end{pmatrix}$$

$$\begin{pmatrix} 2 & 0 \\ 1 & -2 \end{pmatrix} \begin{pmatrix} 3 & 1 & 2 \\ -4 & 1 & 3 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 \\ -1 & 5 \\ 2 & 3 \end{pmatrix} \begin{pmatrix} 3 & 1 \\ -4 & 1 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & 2 \\ -1 & 5 & 4 \end{pmatrix} \begin{pmatrix} 3 \\ -4 \\ 2 \end{pmatrix}$$

$$\begin{pmatrix} -1 & 4 & 5 \\ 1 & 0 & -2 \end{pmatrix} \begin{pmatrix} -3 & 2 \\ 4 & 1 \\ -2 & 0 \end{pmatrix}$$

$$\begin{pmatrix} 2 & 0 & 1 \\ -1 & 1 & -2 \end{pmatrix} \begin{pmatrix} 3 & -3 & 1 \\ 2 & 3 & 0 \\ 0 & 3 & 1 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 5 & 2 \\ -1 & 3 & 2 \\ -1 & 4 & 2 \end{pmatrix} \begin{pmatrix} -3 \\ 2 \\ 1 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 5 & 2 \\ -1 & 3 & 2 \\ -1 & 4 & 2 \end{pmatrix} \begin{pmatrix} x \\ y \\ z \end{pmatrix}$$

$$\begin{pmatrix} 1 & 5 & 2 \\ -1 & 0 & 2 \\ 0 & 4 & 2 \end{pmatrix} \begin{pmatrix} x \\ y \\ z \end{pmatrix}$$

$$\begin{pmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{pmatrix} \begin{pmatrix} x \\ y \\ z \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} 2 \\ 5 \\ 7 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} x \\ y \\ z \end{pmatrix}$$

$$\begin{pmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{pmatrix} \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{pmatrix}$$